

**REPORT/RECOMMENDATION TO THE BOARD OF SUPERVISORS  
OF SAN BERNARDINO COUNTY, CALIFORNIA  
AND RECORD OF ACTION**

**23**

**February 25, 2003**

**FROM: KEN A. MILLER, Director  
Department of Public Works – Flood Control**

**SUBJECT: REQUEST FOR PROPOSAL FOR GEOTECHNICAL AND MATERIAL TESTING SERVICES  
ON SPILLWAY AND DAM FOR SAN SEVAINE BASIN NO. 5 IN THE CITY OF RANCHO  
CUCAMONGA**

**RECOMMENDATION:** Acting as governing body of the Flood Control District (District), approve issuance of a Request for Proposal for geotechnical and material testing services during construction on Spillway and Dam for San Sevaime Basin No. 5 in the City of Rancho Cucamonga.

**BACKGROUND INFORMATION:** The Board will consider approving the plans and specifications for the subject construction project today under a separate item. The project consists of construction of San Sevaime Basin No. 5 improvements which includes levee embankments, spillway, an inlet, and an outlet channel to San Sevaime Channel in the City Rancho Cucamonga. Services to be provided include on-site construction materials testing, on-site registered geologist, on-site technical advisor for meetings, on-site concrete testing and batch plant inspection, and concrete cylinder testing. San Sevaime Basin No. 5 is under the jurisdiction of the State Division of Safety of Dams (D.S.O.D.), which requires the compaction testing for levee embankment and backfill placed on the project be done by the ASTM Test Method 1556 ("sand cone" method). Since the District does not have the equipment or certified technicians for the "sand cone" method, the District must obtain the services of a certified materials laboratory and registered geologist. Also, due to Department work load commitments, a materials technician is not available for material testing and plant site inspections. For these reasons, the Department recommends the issuance of this request for proposal for concrete testing, materials technician for soil compaction and services by a registered geologist. The Department will evaluate the proposals based on consultant's qualifications and the hourly rate and unit costs submitted by the firms. The proposals will be received until 4:00 p.m., Thursday, April 3, 2003.

**REVIEW BY OTHERS:** This item has been reviewed by Deputy County Counsel Charles S. Scolastico on February 12, 2003 and by the County Administrative Office (Tom Forster, Administrative Analyst) on February 13, 2003.

**FINANCIAL IMPACT:** Approving the issuance of the Request for Proposals (RFP) has minimal financial impact. The eventual awarding of a contract for services related to this item will be forwarded to the Board as a separate action. The estimated cost for the services related to this item is \$750,000. The cost will be reimbursed by the United States Bureau of Reclamation as part of the San Sevaime Creek Water Project. Sufficient appropriations for this item are available in Zone 1, FY 2002/2003 budget (RFD 091 091 200 2445 11F1193).

**COST REDUCTION REVIEW:** The County Administrative Office has reviewed this agenda item and concurs with the department's proposal; the Board approval of this item is recommended. This action is based on that the cost of the services will be reimbursed by the Bureau of Reclamation and that the services are needed to complete the project.

**SUPERVISORIAL DISTRICT(S):** 2nd

**PRESENTER:** Ken A. Miller, 387-7906

Record of Action of the Board of Supervisors